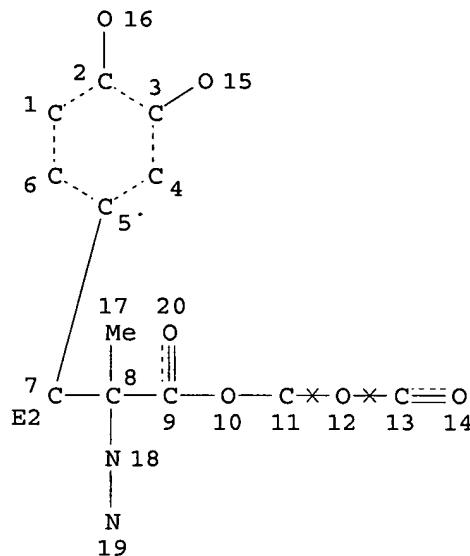


=> d sia
L1 HAS NO ANSWERS
L1

Dec. 7, 2005 10/728,942



NODE ATTRIBUTES:

HCOUNT IS E2 AT 7
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 20

STEREO ATTRIBUTES: NONE

=> s 11
SAMPLE SEARCH INITIATED 12:28:35 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

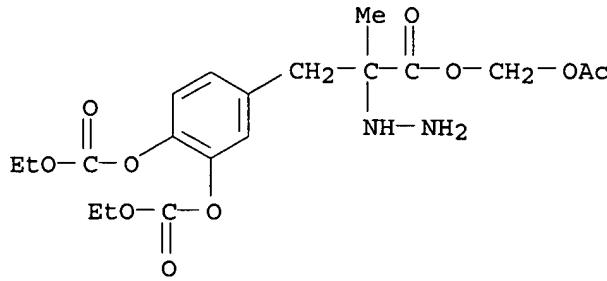
100.0% PROCESSED 3 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 3 TO 163
PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> d scan

L2 2 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Benzenepropanoic acid, 3,4-bis[(ethoxycarbonyl)oxy]- α -hydrazino-
 α -methyl-, (acetoxy)methyl ester (9CI)
MF C19 H26 N2 O10



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s 11 ful
 FULL SEARCH INITIATED 12:28:57 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 47 TO ITERATE

100.0% PROCESSED 47 ITERATIONS 31 ANSWERS
 SEARCH TIME: 00.00.01

L3 31 SEA SSS FUL L1

=> d tot reg

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3	RN	709657-40-9	REGISTRY
4	RN	709657-39-6	REGISTRY
5	RN	709657-38-5	REGISTRY
6	RN	709657-37-4	REGISTRY
7	RN	709657-34-1	REGISTRY
8	RN	709657-33-0	REGISTRY
9	RN	709657-32-9	REGISTRY
10	RN	709657-30-7	REGISTRY
11	RN	709657-29-4	REGISTRY
12	RN	709657-28-3	REGISTRY
13	RN	709657-26-1	REGISTRY
14	RN	709657-25-0	REGISTRY
15	RN	709657-24-9	REGISTRY
16	RN	709657-23-8	REGISTRY
17	RN	709657-22-7	REGISTRY
18	RN	709657-21-6	REGISTRY
19	RN	709657-20-5	REGISTRY
20	RN	709657-18-1	REGISTRY
21	RN	709657-17-0	REGISTRY
22	RN	709657-16-9	REGISTRY
23	RN	709657-15-8	REGISTRY
24	RN	709657-14-7	REGISTRY
25	RN	709657-13-6	REGISTRY
26	RN	709656-88-2	REGISTRY
27	RN	709656-78-0	REGISTRY
28	RN	709656-69-9	REGISTRY
29	RN	709656-68-8	REGISTRY
30	RN	709656-67-7	REGISTRY
31	RN	709656-65-5	REGISTRY

=> fil caplus
 FILE 'CAPLUS' ENTERED AT 12:29:17 ON 07 DEC 2005
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FILE COVERS 1907 - 7 Dec 2005 VOL 143 ISS 24
FILE LAST UPDATED: 6 Dec 2005 (20051206/ED)

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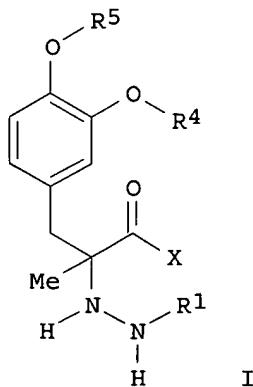
=> s 13
L4 801641 13

=> s 13
L5 1 L3

=> d cbib abs

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
2004:515471 Document No. 141:71827 Preparation of carbidopa prodrugs.
Xiang, Jia-ning; Gallop, Mark A.; Cundy, Kenneth C.; Li, Jianhua; Xu, Feng; Zhou, Cindy X.; Bhat, Laxminarayan (Xenopore, Inc., USA). PCT Int. Appl. WO 2004052841 A1 20040624, 144 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2003-US38742 20031208.
PRIORITY: US 2002-PV431304 20021206.

GI



AB The invention relates to prodrugs of carbidopa and compns. containing them, including methods for their synthesis and application. Prodrugs of formula I [X is OR10, OCR16R17O2CR11 or Q-(CR20R21)1-6CO2R10, where Q is O or NR15, R10, R11, R15, R16, R17, R20, R21 are H, (un)substituted alkyl or aryl, etc.; R1 is H or CO2CR16R17O2CR11; R4, R5 are H, (un)substituted alkyl or aryl, etc.] are claimed. Thus, 3-[3,4-bis(ethoxycarbonyloxy)phenyl]-2-hydrazino-2-methylpropionic acid acetoxyethyl ester was prepared from carbidopa and shown, when coadministered with L-dopa, to improve relative bioavailability of L-dopa.

=> fil beil

FILE 'BEILSTEIN' ENTERED AT 12:30:23 ON 07 DEC 2005

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FILE LAST UPDATED ON OCTOBER 10, 2005

FILE COVERS 1771 TO 2005.

*** FILE CONTAINS 9,363,954 SUBSTANCES ***

>>> PLEASE NOTE: Reaction Data and substance data are stored in separate documents and can not be searched together in one query. Reaction data for BEILSTEIN compounds may be displayed immediately with the display codes PRE (preparations) and REA (reactions). A substance answer set retrieved after the search for a chemical name, a compounds with available reaction information by combining with PRE/FA, REA/FA or more generally with RX/FA. The BEILSTEIN Registry Number (BRN) is the link between a BEILSTEIN compound and belonging reactions. For more detailed reaction searches BRNs can be searched as reaction partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN). <<<

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COMPOUND AT A GLANCE.

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=> s 11 ful
FULL SEARCH INITIATED 12:30:30 FILE 'BEILSTEIN'
FULL SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.05

L6 0 SEA SSS FUL L1

=>

=> d his

(FILE 'HOME' ENTERED AT 13:43:58 ON 07 DEC 2005)

FILE 'REGISTRY' ENTERED AT 13:44:08 ON 07 DEC 2005
L1 1 S CARBIDOPA/CN

FILE 'CAPLUS' ENTERED AT 13:44:21 ON 07 DEC 2005
L2 760 S L1
L3 887808 S ESTER?
L4 13 S L2(8A) L3

=>

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	24	("3462536" "3715382" "3746753" "4051251" "4055645" "4156734" "4313956" "4663349" "4771073" "4873263").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:57
L2	66	US-2996431-\$ DID. OR US-3139383-\$ DID. OR US-3402240-\$ DID. OR US-3676480-\$ DID. OR US-3715382-\$ DID. OR US-3811444-\$ DID. OR US-3845770-\$ DID. OR US-3916899-\$ DID. OR US-3962414-\$ DID. OR US-3992518-\$ DID. OR US-4063064-\$ DID. OR US-4066747-\$ DID. OR US-4070347-\$ DID. OR US-4079038-\$ DID. OR US-4083949-\$ DID. OR US-4088864-\$ DID. OR US-4093709-\$ DID. OR US-4200098-\$ DID. OR US-4285987-\$ DID. OR US-4311706-\$ DID. OR US-4421736-\$ DID. OR US-4434153-\$ DID. OR US-4721613-\$ DID. OR US-4752470-\$ DID. OR US-4816263-\$ DID. OR US-4820523-\$ DID. OR US-4826875-\$ DID. OR US-4853229-\$ DID. OR US-4966915-\$ DID. OR US-5017607-\$ DID. OR US-5462933-\$ DID. OR US-5607969-\$ DID. OR US-5840756-\$ DID.	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:04
L3	1167	levodopa	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:05
L4	88	1 2	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:06
L5	7	4 and 3	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:07
L6	2672	I-dopa	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:07
L7	3606	3 6	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:07
L8	20	4 and 7	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:10

L9	659	(560/34).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/07 13:11
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L11	740	carbidopa	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:17
L12	0	10 and 11	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:12
L13	0	9 and 11	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:14
L14	434	560/34	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:15
L15	0	10 and 11	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:15
L16	694	(560/34).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/07 13:54
L17	0	11 and 16	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:19
L18	740	carbidopa	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:20
L19	0	11 and 16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:21

L20	3	6 and 16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:22
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L22	2	("6051576").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/07 13:59
L23	2	("6171615").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/07 14:00
L24	2	("6375987").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/07 14:00
L25	2	("6379700").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/07 14:01